## **CTR Employer Survey Report**

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer ID: E70821

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Employer: Multicare Health System

Worksite: Tacoma General/Mary Bridge

Hospital

One-Way VMT per employee: 13.6

Street: 315 Martin Luther King Jr Way

Jurisdiction: City of Tacoma

Survey Type: Online

Survey Date: 6/27/2016

Response Rate: 13%

### **Drive Alone & One-Way VMT Rates at this Worksite**

### **Employees and Survey Response Information**

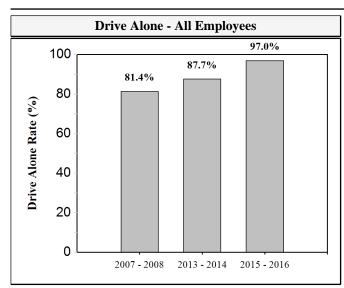
**Reported Total Employees at Worksite: 2,983** 

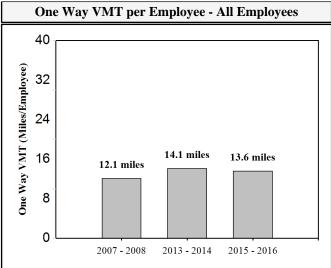
**Drive Alone:** 97.0% **Surveys Distributed:** 2,129

Surveys Returned: 283

**Surveys Returned by CTR Affected Employees:** 183

Total Estimated CTR - Affected Employees at Worksite: 1,377





### Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	81.4%	81.6%	12.1	12.0
2009 - 2010	81.3%	78.5%	12.4	11.7
2011 - 2012	92.6%	93.8%	14.3	14.0
2013 - 2014	87.7%	86.8%	14.1	13.3
2015 - 2016	97.0%	97.6%	13.6	13.0
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	19.2%	19.6%	12.4%	8.3%

### Supplied Advisor Control Market State (Visital Visital Control Cont. Depote State (Control Control Con

### **Comparison Between Rates With and Without Fill-In**

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

Employer ID: E70821

	2007 - 2008	2013 - 2014	2013 - 2014 Without Fill In	2015 - 2016	2015 - 2016 Without Fill In
Drive Alone - All Employees*	81.4%	87.7%	87.4%	97.0%	82.6%
Drive Alone - CTR Affected Employees*	81.6%	86.8%	86.3%	97.6%	81.5%
VMT/Employee - All Employees	12.1	14.1	14.1	13.6	12.0
VMT/Employees - CTR Affected Employees	12.0	13.3	13.2	13.0	11.3

<sup>\*</sup> Drive alone rate includes one person motorcycles.

### **GHG Emissions: Total for Drive Alone, Carpools, Vanpools**

### Annual Greenhouse Gas Emissions (Metric Tons CO2e) for Roundtrip Commute\*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	4,588	4,692	636
<b>Estimated Emissions for Total Employment</b>	8,470	8,753	6,700

<sup>\*</sup> Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

### **Bus Transit Passenger Miles and Rail Transit Passenger Miles\***

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	897,766	213,044	755,764
Bus Annual Passenger Miles - Surveyed Employees	486,300	114,200	71,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	54,660	0
Ferry Annual Passenger Miles - Surveyed Employees	0	29,300	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	81,598	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	44,200	0	0

<sup>\*</sup> Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO2e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO2e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO2e emissions per passenger mile for train/light rail/streetcar.

Q3.

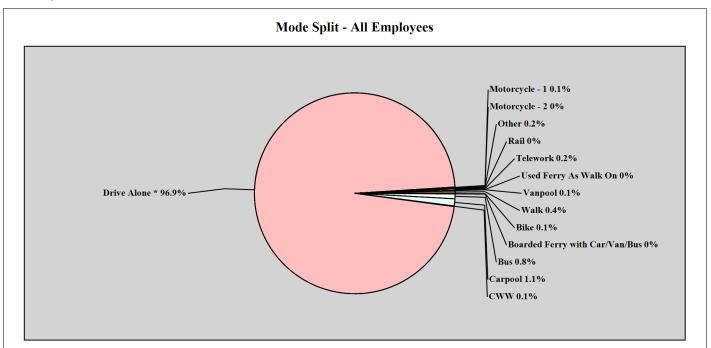
One way, how many miles do you commute from home to your usual work location?

Average one-way distance home to work: 13.9 miles



### **Commute Trips By Mode - All Employees**

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)



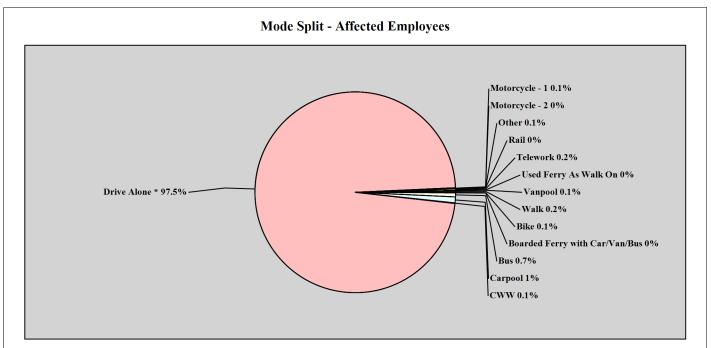
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	7,068	96.9%	87.7%	249	88.0%	89.8%
Carpool	83	1.1%	5.1%	28	9.9%	7.0%
Vanpool	6	0.1%	0.7%	2	0.7%	0.8%
Motorcycle - 1	8	0.1%	0.0%	2	0.7%	0.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	57	0.8%	1.1%	15	5.3%	1.4%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	7	0.1%	1.0%	3	1.1%	1.4%
Walk	28	0.4%	2.5%	6	2.1%	3.1%
Telework	17	0.2%	0.3%	9	3.2%	1.1%
CWW	7	0.1%	0.3%	6	2.1%	0.7%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	14	0.2%	1.1%	4	1.4%	1.2%

 $<sup>*\</sup> Drive\ alone\ mode\ includes\ fill-in,\ where\ applicable.$ 



## **Commute Trips By Mode - Affected Employees**

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)



Mode	Trips During This Survey Week	During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	Used This Mode at Least Once During This	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	6,755	97.5%	86.9%	160	87.4%	89.0%
Carpool	66	1.0%	5.5%	21	11.5%	8.1%
Vanpool	5	0.1%	0.8%	1	0.5%	1.1%
Motorcycle - 1	8	0.1%	0.0%	2	1.1%	0.0%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.0%
Bus	45	0.7%	1.4%	11	6.0%	2.0%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	6	0.1%	1.1%	2	1.1%	1.6%
Walk	15	0.2%	2.7%	4	2.2%	3.5%
Telework	17	0.2%	0.3%	9	4.9%	1.4%
CWW	6	0.1%	0.4%	5	2.7%	1.1%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.1%	0	0.0%	0.2%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	5	0.1%	0.8%	2	1.1%	1.0%

 $<sup>*\,</sup>Drive\ alone\ mode\ includes\ fill-in,\ where\ applicable.$ 

## ment of Transportation Employer ID: E70821

## Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees	
0 Day	218	77%	283	100%	
1 Days	13	5%	65	23%	
2 Days	16	6%	52	18%	
3 Days	5	2%	36	13%	
4 Days	8	3%	31	11%	
5 Days	15	5%	23	8%	
6 or More Days	8	3%	8	3%	

# Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	day	Alone 5 s / veek	or 4	Alone 3 days / veek	Least	Bus At 3 days / veek	Least	ooled At 3 days / veek	Least	Rail At 3 days / week	Least	ooled At 3 times / week	Wa Least	ked or lked At t 3 Days / week	Mo Least	l 'Other' des At 3 Days / week	Drive A	l Non- Alone At 3 Days / eek
5 days a week	97	63%	19	12.3%	7	4.5%	11	7.1%	0	0%	1	0.6%	5	3.2%	2	1.3%	27	17.5%
4 days a week (4/10s)	4	14.8%	17	63%	2	7.4%	0	0%	0	0%	0	0%	0	0%	0	0%	3	11.1%
3 days a week	8	16.3%	29	59.2%	1	2%	1	2%	0	0%	0	0%	0	0%	0	0%	2	4.1%
9 days in 2 weeks (9/80)	2	100%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
7 days in 2 weeks	2	22.2%	2	22.2%	1	11.1%	1	11.1%	0	0%	0	0%	0	0%	0	0%	2	22.2%
Other	2	5%	20	50%	1	2.5%	0	0%	0	0%	0	0%	0	0%	1	2.5%	2	5%

## Count by Occupancy of Carpools, Vanpools, and Motorcycles

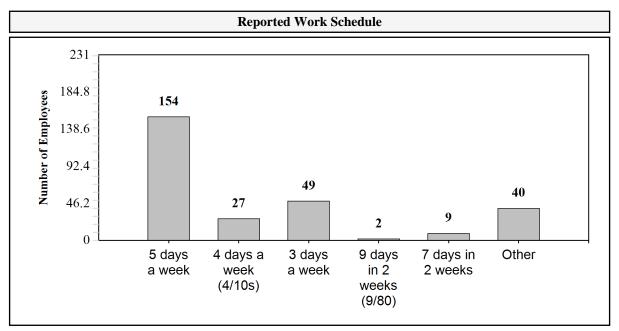
Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	8
2	Motorcycle	0
2	Carpool	75
3	Carpool	8
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	6
5	Vanpool	0
6	Vanpool	0
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0



## **Reported Work Schedule - All Employees**

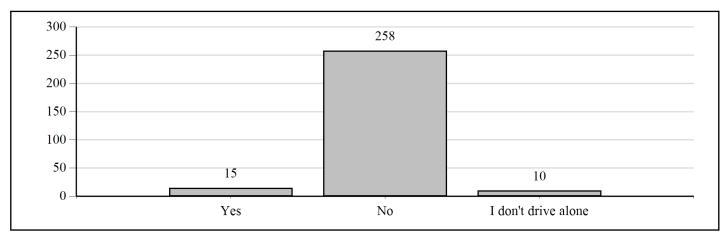
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	154	54.8%
4 days a week (4/10s)	27	9.6%
3 days a week	49	17.4%
9 days in 2 weeks (9/80)	2	0.7%
7 days in 2 weeks	9	3.2%
Other	40	14.2%

### **Parking and Telework**

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	0	0.0%
I don't telework	245	86.6%
Occasionally, on an as-needed basis	25	8.8%
1-2 days/month	5	1.8%
1 day/week	2	0.7%
2 days/week	5	1.8%
3 days/week	1	0.4%



### Reasons for driving alone to work/not driving alone to work

### Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Other	59	15.6%
Cost of parking or lack of parking	44	11.6%
Free or subsidized bus, train, vanpool pass or fare benefit	42	11.1%
Personal health or well-being	39	10.3%
To save money	39	10.3%
Environmental and community benefits	35	9.2%
I have the option of teleworking	25	6.6%
Driving myself is not an option	24	6.3%
Financial incentives for carpooling, bicycling or walking.	23	6.1%
Emergency ride home is provided	20	5.3%
Preferred/reserved carpool/vanpool parking is provided	17	4.5%
To save time using the HOV lane	8	2.1%
I receive a financial incentive for giving up my parking space	4	1.1%

### Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	157	23.6%
Riding the bus or train is inconvenient or takes too long	152	22.9%
Family care or similar obligations	124	18.6%
Other	83	12.5%
My commute distance is too short	52	7.8%
My job requires me to use my car for work	49	7.4%
Bicycling or walking isn't safe	27	4.1%
I need more information on alternative modes	17	2.6%
There isn't any secure or covered bicycle parking	4	0.6%

## **Employee Transit Use - All Employees**

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

	Employees Making This Many Transit Trips in a Week													
Trips/Week	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other				
1	1	0	1	2	0	6	5	0	2	4				
2	0	0	1	1	0	3	2	0	1	1				
3	1	0	0	0	0	3	1	0	0	0				
4	0	0	0	0	0	1	0	0	0	0				
5	0	0	0	1	0	0	0	0	0	5				
6	0	0	0	1	0	1	1	0	0	0				
7	0	0	0	0	0	0	0	0	0	0				
8	0	0	0	0	0	1	0	0	0	0				
9	0	0	0	0	0	1	0	0	0	0				
10	0	0	0	0	0	1	0	0	0	0				
11 or more	0	0	0	0	0	2	0	0	0	0				
# Of Employees using Transit	2	0	2	5	0	19	9	0	3	10				
Total One-Way Transit Trips Per Week	4	0	3	15	0	82	18	0	4	31				

## **Employee Transit Use - Affected Employees**

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Employer ID: E70821

	Employees Making This Many Transit Trips in a Week													
Trips/Week	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other				
1	1	0	1	2	0	5	4	0	1	3				
2	0	0	1	1	0	2	2	0	1	0				
3	1	0	0	0	0	1	0	0	0	0				
4	0	0	0	0	0	0	0	0	0	0				
5	0	0	0	0	0	0	0	0	0	5				
6	0	0	0	0	0	0	0	0	0	0				
7	0	0	0	0	0	0	0	0	0	0				
8	0	0	0	0	0	1	0	0	0	0				
9	0	0	0	0	0	1	0	0	0	0				
10	0	0	0	0	0	1	0	0	0	0				
11 or more	0	0	0	0	0	2	0	0	0	0				
# Of Employees using Transit	2	0	2	3	0	13	6	0	2	8				
Total One-Way Transit Trips Per Week	4	0	3	4	0	63	8	0	3	28				

## Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

			Weekly Count of Trips By Mode												
Home Zip code	Total Employees	Employee Percentage	Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98001	2	0.71%	9	0	0	0	0	0	0	0	0	0	0	0	0
98002	1	0.35%	3	0	0	0	0	0	0	0	0	0	0	0	0
98003	2	0.71%	8	2	0	0	0	0	0	0	0	0	0	0	0
98022	1	0.35%	4	0	0	0	0	0	0	0	0	0	0	0	0
98023	7	2.47%	31	0	0	0	0	0	0	0	0	0	0	0	0
98031	1	0.35%	5	0	0	0	0	0	0	0	0	0	0	0	0
98038	1	0.35%	1	0	0	0	0	0	0	0	0	0	0	0	0
98055	1	0.35%	7	0	0	0	0	0	0	0	0	0	0	0	0
98059	2	0.71%	7	2	0	0	0	0	0	0	0	0	0	0	0
98092	3	1.06%	13	0	0	0	0	0	0	0	0	1	0	0	0
98144	1	0.35%	0	0	0	0	3	0	0	0	0	0	0	0	0
98198	1	0.35%	5	0	0	0	0	0	0	0	0	0	0	0	0
98303	1	0.35%	5	0	0	0	0	0	0	0	0	0	0	0	0
98321	1	0.35%	4	0	0	0	0	0	0	0	0	1	0	0	0
98327	1	0.35%	5	0	0	0	0	0	0	0	0	0	0	0	0
98328	3	1.06%	16	0	0	0	0	0	0	0	0	0	0	0	0
98329	2	0.71%	7	0	0	0	0	0	0	0	0	0	0	0	0
98332	6	2.12%	18	0	0	0	0	0	0	0	2	0	0	0	0
98335	9	3.18%	31	1	0	0	0	0	0	0	0	0	0	0	0
98338	5	1.77%	16	1	0	0	0	0	0	0	0	0	0	0	0
98349	3	1.06%	8	0	0	0	0	0	0	0	6	0	0	0	0
98354	1	0.35%	5	0	0	0	0	0	0	0	0	0	0	0	0
98360	2	0.71%	12	0	0	0	0	0	0	0	0	0	0	0	0
98366	4	1.41%	15	0	0	0	0	0	0	0	0	0	0	0	0
98367	2	0.71%	9	0	0	0	0	0	0	0	0	0	0	0	0
98371	5	1.77%	20	0	0	0	0	0	0	0	1	0	0	0	0



	Depai				-										
98372	4	1.41%	19	0	0	0	0	0	0	0	0	0	0	0	0
98373	4	1.41%	16	4	0	0	0	0	0	0	0	0	0	0	1
98374	10	3.53%	30	6	1	0	4	0	0	0	0	0	0	0	5
98375	4	1.41%	20	0	0	0	0	0	0	0	0	0	0	0	0
98383	1	0.35%	3	0	0	0	0	0	0	0	0	0	0	0	0
98387	14	4.95%	55	9	0	0	5	0	0	0	0	0	0	0	0
98390	3	1.06%	14	0	0	0	0	0	0	0	0	0	0	0	0
98391	6	2.12%	21	0	0	0	0	0	0	0	0	0	0	0	4
98394	1	0.35%	3	0	0	0	0	0	0	0	0	0	0	0	0
98402	2	0.71%	3	0	0	0	5	0	0	2	0	0	0	0	0
98403	8	2.83%	28	2	0	0	0	0	0	13	0	0	0	0	0
98404	7	2.47%	23	4	0	0	0	0	0	0	2	0	0	0	0
98405	17	6.01%	44	10	0	0	5	0	1	11	2	1	0	0	0
98406	22	7.77%	92	0	0	0	4	0	1	2	0	0	0	0	0
98407	8	2.83%	30	0	0	0	7	0	0	0	0	2	0	0	0
98408	5	1.77%	25	0	0	0	0	0	0	0	0	0	0	0	0
98409	10	3.53%	34	9	0	0	1	0	5	0	0	0	0	0	0
98417	1	0.35%	1	0	0	0	0	0	0	0	0	0	0	0	0
98418	4	1.41%	14	0	0	4	0	0	0	0	0	0	0	0	0
98422	5	1.77%	18	2	0	0	0	0	0	0	0	0	0	0	0
98424	1	0.35%	3	0	0	0	0	0	0	0	0	0	0	0	0
98443	3	1.06%	11	0	0	0	0	0	0	0	0	0	0	0	0
98444	5	1.77%	8	3	0	0	8	0	0	0	0	0	0	0	0
98445	7	2.47%	32	0	0	0	0	0	0	0	0	1	0	0	0
98446	2	0.71%	8	0	0	0	0	0	0	0	2	0	0	0	0
98465	7	2.47%	25	9	0	0	0	0	0	0	0	0	0	0	0
98466	14	4.95%	46	11	0	0	0	0	0	0	2	1	0	0	0
98467	9	3.18%	40	0	0	0	0	0	0	0	0	0	0	0	0
98498	11	3.89%	49	3	0	0	0	0	0	0	0	0	0	0	0
98499	6	2.12%	10	5	0	0	15	0	0	0	0	0	0	0	0
98501	2	0.71%	7	0	5	0	0	0	0	0	0	0	0	0	0
98503	1	0.35%	0	0	0	0	0	0	0	0	0	0	0	0	4
98506	1	0.35%	5	0	0	0	0	0	0	0	0	0	0	0	0
98512	1	0.35%	3	0	0	0	0	0	0	0	0	0	0	0	0
98513	2	0.71%	10	0	0	0	0	0	0	0	0	0	0	0	0
98528	1	0.35%	1	0	0	0	0	0	0	0	0	0	0	0	0
98580	2	0.71%	7	0	0	0	0	0	0	0	0	0	0	0	0
	-														

	26														
98597	4	1.41%	10	0	0	4	0	0	0	0	0	0	0	0	0